

### REMARKS

Applicant has reviewed and considered the Office Action mailed on November 15, 2005, and the references cited therewith.

Claims 1, 4, 6-8, 15, 20, 21, 24, 26, and 27 are amended, claims 2, 3, 5, 9-11, 18, and 25 are canceled, and no claims are added; as a result, claims 1, 4, 6-8, 12-17, 19-24, 26, and 27 are now pending in this application.

#### '102 Rejection of the Claims

Claims 1 and 3 were rejected under 35 USC ' 102(b) as being anticipated by Borras (U.S. Patent No. 5,128,938). Claim 3 has been canceled rendering this rejection moot with respect to that claim. Claim 1 has been amended to recite additional limitations. Applicants respectfully submit that Borras does not disclose, teach, or suggest the subject matter of claim 1 as amended, including for example, "if no 802.11 compliant beacon is received, sleeping for one additional 802.11 compliant beacon interval." Accordingly, applicants believe claim 1 is in condition for allowance.

Claims 8, 15 and 18 were rejected under 35 USC ' 102(b) as being anticipated by Bokhorst (U.S. Patent No. 6,192,230). Claim 18 has been canceled rendering this rejection moot with respect to that claim. Claims 8 and 15 have been amended to include additional limitations. Applicants respectfully submit that Bokhorst does not disclose, teach, or suggest the subject matter of claim 8 as amended, including for example, "if no 802.11 compliant beacon is received, sleeping for one additional 802.11 compliant beacon interval." Further, applicants respectfully submit that Bokhorst does not disclose, teach, or suggest the subject matter of claim 15 as amended, including for example, "if the beacon signal is not received, putting the mobile station to sleep for one beacon interval." Accordingly, applicants believe claims 8 and 15 are in condition for allowance.

Claim 21 was rejected under 35 USC ' 102(b) as being anticipated by Romans (U.S. Patent No. 6,665,520). Claim 21 has been amended to recite additional limitations. Applicants

respectfully submit that Romans does not disclose, teach, or suggest the subject matter of claim 21 as amended, including for example, “an apparatus configured to communicate in an 802.11 wireless network, to sleep for a number of beacon intervals based on traffic volume, to awake to receive a beacon, and to sleep for one additional beacon interval if a beacon is not received. Accordingly, applicants believe claim 21 is in condition for allowance.

*'103 Rejection of the Claims*

Claim 2 was rejected under 35 USC ' 103(a) as being unpatentable over Borras (U.S. Patent No. 5,128,938) in view of Patel et al. (U.S. Patent No. 6,731,600). Claim 2 has been canceled.

Claims 4, 5 and 7 were rejected under 35 USC ' 103(a) as being unpatentable over Borras (U.S. Patent No. 5,128,938) in view of Romans (U.S. Patent No. 6,665,520). Claim 5 has been canceled, rendering this rejection moot with respect to that claim. Claims 4 and 7 depend on claim 1, which is believed to be in condition for allowance. Accordingly, claims 4 and 7 are believed to be in condition for allowance at least by virtue of dependency.

Claim 6 was rejected under 35 USC ' 103(a) as being unpatentable over Borras (U.S. Patent No. 5,128,938) in view of Romans (U.S. Patent No. 6,665,520) and further in view of Lindskog et al. (U.S. Publication No. 2001/0031626). Claim 6 depends on claim 1, which is believed to be in condition for allowance. Accordingly, claim 6 is believed to be in condition for allowance at least by virtue of dependency.

Claims 13 and 14 were rejected under 35 USC ' 103(a) as being unpatentable over Bokhorst et al. (U.S. Patent No. 6,192,230) in view of Lindskog et al. (U.S. Publication No. 2001/0031626). Claims 13 and 14 depend on claim 8, which is believed to be in condition for allowance. Accordingly, claims 13 and 14 are believed to be in condition for allowance at least by virtue of dependency.

Claims 16 and 17 were rejected under 35 USC ' 103(a) as being unpatentable over Bokhorst et al. (U.S. Patent No. 6,192,230) in view of Lindskog et al. (U.S. Publication No. 2001/0031626), and further in view of Patel (U.S. Patent No. 6,731,600). Claims 16 and 17 depend on claim 15, which is believed to be in condition for allowance. Accordingly, claims 16 and 17 are believed to be in condition for allowance at least by virtue of dependency.

Claims 9-12 and 19-20 were rejected under 35 USC ' 103(a) as being unpatentable over Bokhorst et al. (U.S. Patent No. 6,192,230) in view of Romans (U.S. Patent No. 6,665,520). Claims 9-11 have been canceled, rendering this rejection moot with respect to those claims. Claims 12 and 19-20 depend on claims 8 and 15 respectively, which are believed to be in condition for allowance. Accordingly, claims 12 and 19-20 are believed to be in condition for allowance at least by virtue of dependency.

Claims 22 and 23 were rejected under 35 USC ' 103(a) as being unpatentable over Romans (U.S. Patent No. 6,665,520) in view of Adachi (U.S. Patent No. 6,018,642). Claims 22 and 23 depend on claim 21, which is believed to be in condition for allowance. Accordingly, claims 22 and 23 are believed to be in condition for allowance at least by virtue of dependency.

Claims 24-27 were rejected under 35 USC ' 103(a) as being unpatentable over Romans (U.S. Patent No. 6,665,520) in view of Adachi (U.S. Patent No. 6,018,642). Claim 25 has been canceled rendering this rejection moot with respect to that claim. Claim 24 has been amended to include additional limitations. Applicants respectfully submit that the cited references, taken alone or in combination, do not disclose, teach, or suggest the subject matter of claim 24 as amended, including for example, "putting the radio interface back to sleep for one beacon interval if a beacon signal is not received." Accordingly, applicants believe claim 24 is in condition for allowance. Claims 26 and 27 depend on claim 24, and are believed to be in condition for allowance at least by virtue of dependency.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (952-473-8800) to facilitate prosecution of this application.

Respectfully submitted,

JIEWEN LIU ET AL.

By their Representatives,

Customer Number 45445  
Telephone Number 952-473-8800

Date 2-9-06

By Dana B LeMoine  
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, P.O.Box 1450, Alexandria, VA 22313-1450, on this 9 day of February, 2006.

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Shellie Bailey

Shellie Bailey  
Signature